Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 28 Aug 2023 until 23:59 on Tuesday 29 Aug 2023

Forecast Issued on Monday 28 Aug 2023 at 03:43

Confidence: High for prevailing changeable theme, but low for detail, especially for cloud. Confidence becomes low from Thursday with arrival of an Atlantic weather system.

Headline for Monday 28 Aug 2023: Sunny spells with the odd shower possible.

Mountain weather hazards on Monday 28 Aug 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Sunny intervals	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability					
10%	10%	20%	20%	10%	10%

Forecast for Monday 28 Aug 2023

Weather: Mostly dry with sunny spells, the best of the sunshine developing across more sheltered eastern areas. Perhaps an isolated afternoon shower.

Chance of cloud-free hill tops above 600m: 30% at first, becoming 90% by afternoon, then becoming 60% during the evening.

Low Cloud and visibility: Areas of cloud with base 400-500m at first. Cloud bases lifting mostly above the summits by afternoon, although they might just touch the higher summits in any isolated showers. Cloud bases lowering again around dusk period. Visibility generally good, but moderate in any showers, and very poor visibility in cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Monday 28 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/16 NW	14/17 NW	12/16 NW	12/17 W	11/16 W	9/14 W	9/15 W
300	7/18 NW	9/17 NW	8/15 NW	8/16 W	8/15 W	5/14 W	5/14 W
Valley	4/11 NW	7/15 NW	8/16 NW	9/17 W	7/15 W	3/9 W	2/7 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/6	9/6	11/9	12/10	11/9	10/8	10/7
300	10/9	13/11	15/13	14/13	13/12	11/11	11/10
Valley	11/10	14/13	17/15	16/15	15/14	13/12	12/12
Freezing Level*	1900m	2000m	2000m	2300m	2200m	2200m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts may be a little higher across peaks and some ridges in afternoon. Sun protection may be required in any sunshine, however feeling a little chilly on higher slopes.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 28 Aug 2023	0.6mm	2.6mm	16mm

Forecast for Tuesday 29 Aug 2023

Weather: A misty start with possible fog at first in some valleys. Generally cloudy with some showery rain crossing from the west and northwest in the morning. Drier and brighter through the afternoon with some sunny spells developing, along with a few mostly light rain showers, these continuing into the evening period. Feeling humid in the afternoon.

Maximum wind: West or NW with gusts 25-30mph in the afternoon.

Chance of cloud-free hill tops above 600m: 20% or less during much of Tuesday morning then becoming 90% or more in the afternoon.

Low Cloud and visibility: Broken to overcast bases 400 to 500m developing during early hours, with little change likely for much of Tuesday morning. In the early afternoon cloud lifting and breaking to scattered bases 800m. Visibility becoming moderate or poor during Tuesday morning, before improving in the afternoon to very good, but very poor visibility in cloud. Moderate visibility likely in showers during afternoon and evening.

Temperature: **Valleys:** Plus 6 degrees Celsius becoming plus 20 degrees Celsius.
At 600m: Plus 8 degrees Celsius becoming plus 12 degrees Celsius.
Freezing level: Well above summits.

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